

C. Chen et al.  
U.S.S.N. 09/904,200  
Page 3 of 5

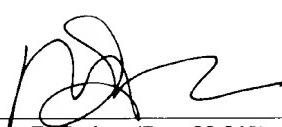
*ab* 27. (amended) ~~The method of claim 24 wherein cells bind to the binding agent.~~

**REMARKS**

For the sole purpose of reducing initial filing fees, claims 7, 8, 11, 12, 14-16, 20-23, 26, 28-31, 34-36, 39-40, 43-45, and 48-63 have been cancelled without prejudice, and claims 3-6, 9, 10, 13, 17-19, 22, 24 and 27 have been amended to remove multiple dependencies. No new matter has been added.

Early consideration and allowance of the application are earnestly solicited.

Respectfully submitted

By: 

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**Marked-Up Version of Claims**

3. (amended) The method of claim 1 [or 2] wherein the surfactant compound comprises one or more hydrophobic regions and one or more hydrophilic regions.

4. (amended) The method of claim 1 [any one of claims 1 through 3] wherein the surfactant compound comprises one or more hetero atoms.

5. (amended) The method of claim 1 [any one of claims 1 through 4] wherein the surfactant compound comprises one or more alkoxy groups.

6. (amended) The method of claim 1 [any one of claims 1 through 5] wherein the surfactant is a polymeric material.

9. (amended) The method of claim 1 [any one of claims 1 through 8] wherein the surfactant comprises polyethylene oxide units.

10. (amended) The method of claim 1 [any one of claims 1 through 9] wherein the surfactant comprises polyC<sub>3-20</sub>alkyl oxide units.

13. (amended) The method of claim 1 [any one of claims 1 through 12] wherein the surfactant comprises thiol groups.

17. (amended) The method of claim 1 [any one of claims 1 through 17] wherein the surfactant is in a defined patterned on the substrate, with selective substrate areas bared of the surfactant.

18. (amended) The method of claim 17 [any one of claims 1 through 17] wherein the biomolecule resides on substrate areas bared of the surfactant.

19. (amended) The method of claim 17 [any one of claims 1 through 18] wherein an applied layer of the surfactant is exposed to patterned radiation to define a desired pattern of the surfactant layer.

22. (amended) The method of claim 1 [any one of claims 1 through 16] wherein a selected pattern of the surfactant or biomolecule is defined by physical treatment of the substrate.

24. (amended) The method of claim 1 [any one of claims 1 through 23] wherein the substrate is treated with a binding agent prior to treating with the biomolecule.

27. (amended) The method of claim 24 [or 25] wherein cells bind to the binding agent.